SC-LX86

9.2-Channel AV Receiver Featuring Hi-bit32 Audio Signal Processing, AIR Studios Monitor Certification, THX® Ultra2 Plus Certification, 4K Pass Through, and Low Leakage Flux Power Transformer

AMPLIFICATION

- Channels: 9
- Amplification Type: Class D[3] (Direct Energy HD)
- 810 W Multi ch Simultaneous Drive (1 kHz, THD 1 % @ 8 ohms)
- 250 W/ch (1 kHz, THD 1 % @ 4 ohms)
- 190 W/ch (1 kHz, THD 1 % @ 6 ohms)
- 140 W/ch (1 kHz, THD 0.08 % @ 8 ohms)

CONSTRUCTION DESIGN

- Advanced Direct Construction
- Rigid Trans-Stabilizer
- Insulated Dual Chassis
- 3D Space Frame Construction
- Low Leakage Flux Power Transformer

AUDIO FEATURES

- AIR Studios Monitor Certification
- THX® Ultra2 Plus Certified
- Dolby® TrueHD/Dolby Pro Logic IIz/Dolby Digital Plus
- DTS-HD® Master Audio/DTS-ES/DTS Neo:X
- Digital Core Engine with Texas Instruments Aureus™ DSP
- Hi-bit32 Audio Signal Processing/192 kHz/32-bit DAC
- HDMI® Audio Return Channel
- Pioneer Advanced MCACC Room Calibration
  - 3D Time Axis Measurement
  - Precision Distance/Polarity Check
  - Automatic Crossover Setting
  - Reverb Before and After Calibration Results (OSD or AVNavigator)
  - Standing Wave Control
- Pioneer Sound Enhancements
  - Full Band Phase Control/Auto Phase Control Plus
  - PQLS Bit-stream/Multi-Surround/2 ch Audio
  - Jitter Reduction
  - Auto Sound Retriever/Auto Sound Retriever for ARC
  - Sound Retriever AIR
  - Sound Retriever Link
  - Auto Level Control (Multi-Channel)
  - Advanced Surround (15+1 Modes)
  - Optimum Surround (Auto Bass, Dialog, and Surround Balancing)
  - Virtual Speakers (Wide/Height/Surround Back)
  - Virtual Depth

VIDEO FEATURES

- 4K Pass Through
- 3D Ready (Blu-ray Disc®, Broadcast and Games)
- Deep Colour (36-bit) and x.v.Colour
- 1080p/24fps Scaler with Qdeo™
- Triple HD Noise Reduction
- Advanced Video Adjustment
- Stream Smoother/Stream Smoother Link
- Frame Rate Conversion (60i/p → 24p)

HOME NETWORK FEATURES

- AirPlay Wireless Audio
- DLNA Certified® (1.5)
- Compatible with Windows 7
- Music File Playback via LAN/USB (WAV, MP3, WMA, AAC, FLAC)
  - 192 kHz/24-bit Music File Playback (FLAC/WAV)
- Internet Radio with vTuner

CONVENIENCE FEATURES

- Digital Audio from iPod®/iPhone®/iPad® via USB*[1]
- Android Audio & Video Playback (MHL) Compatible*[2]
- USB-DAC Mode 192 kHz/32-bit Music File Playback
- DSD File Playback via Front USB
- iControlAV2012 Remote Control App Ready (iOS/Android)*[3]
  - AV Receiver and Blu-ray Disc Player Control from Smartphone
  - Sound Explorer
- Air Jam App Ready (iOS/Android)*[4] (Optional AS-BT200 adapter required)
  - Share Music and Create Playlists via *Bluetooth*® Connection
- Wireless LAN Converter (AS-WL300) included
- Firmware Upgrade via Internet or USB
- AVNavigator for Easy Wiring and Setup with PC or iPad
- Graphic User Interface (GUI) with Album Artwork (HDMI only)
- Auto Power Down
- Power Save for HDMI Standby Through
- AM/FM Tuner 63 Presets
- Sleep Timer
- Learning Remote Control (Illumination)
- RF Remote Control (CU-RF100-U) Ready

*[1] Dedicated cable included
*[2] Micro USB → HDMI conversion cable included
*[3] Available for free download from App Store℠/Google Play

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CONNECTIONS

REAR PANEL

SC-LX86/SYXJ8

FRONT TERMINALS

- HDMI 1 In (assignable/MHL)
- USB/iPod Video In
- MCACC Setup Mic In
- Phones 1 Out (shown on front page)

REAR TERMINALS

- HDMI 7 In (6 assignable)/3 Out (1 for zone 4)
- Ethernet 1 In
- AV (Composite) 4 In/1 Out
- Audio 1 In (assignable)
- Phono (MM) 1 In
- Digital Coaxial 2 In (assignable)
- Digital Optical 2 In (assignable)/1 Out
- USB-DAC In (B-Type)
- Component Video 3 In (assignable)
- Monitor Component 1 Out/Monitor Composite 1 Out
- Preout 9.1 ch (11.2 ch terminals)
- Multi-ch In (7.1 ch)
- Speaker 11 ch Out (SB/FH/FW/B, FH or FW/B assignable)
- *Bluetooth* Adapter Port for AS-BT200
- USB Charge Port for AS-WL300 Wireless Converter
- IR 2 In/1 Out
- 12 V Trigger x 2/RS-232C

ZONE FEATURES

- ZONE 4 HDMI for Audio and Video
- ZONE 3 AV (Composite), Volume and Balance
- ZONE 2 AV (Composite), Component, Subwoofer, Volume, Balance and Tone

SPECIFICATIONS

- Power Requirements: AC 220-230 V, 50/60 Hz
- Power Consumption: 370 W/0.1 W (Standby)
- Dimensions (W x H x D): 435 x 185 x 441 mm
- Weight: 18.0 kg

INTEGRATED TECHNOLOGIES

AirPlay

Made for iPod iPhone iPad

DOLBY TRUEHD PRO LOGIC IIz

dts-HD Master Audio

dts Neo:X

Compatible with Windows 7

vTuner

dlna CERTIFIED

HDMI

MHL Mobile High-Definition Link

MCACC advanced

AIR STUDIOS MONITOR

THX ULTRA 2 PLUS SURROUND EX

AUTO SOUND RETRIEVER

SOUND RETRIEVER LINK

Auto Level Control

Direct Energy HD AMP | Surround Modes | Hi-bit 32 Processing | Digital Filter | Auto Phase Control Plus | Virtual Speakers | Virtual Depth | PQLS Bit-stream | 3D Compatible | Internet Radio | DMR | HDMI 1080p Upscaling | Triple HD Noise Reduction | HDMI Standby Through | AVNavigator | iControlAV2012 | Air Jam | RF Remote Ready

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Phase Control is a trademark placed on a product with Pioneer's Phase Control Technology concept. The technology enables high-grade sound reproduction environment by improving the phase matching for each of the components.

For details on iPod compatibility, visit http://pioneer.jp/homeav/support/ios/eu/

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